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| Application No. | Applicant(s)  |   |
|-----------------|---------------|---|
| 10/779,623      | OTSUKA ET AL. |   |
| Examiner        | Art Unit      | - |

| √ | Rejected |
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| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Ν | Non-Elected  |
|---|--------------|
| ı | Interference |

Michelle Lopez

| Α | Appeal   |
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| 0 | Objected |

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|          |  | _        |  |  |              | _        |              |              |          |          |
| Cla      | aim  | ļ,       |  |  | _[           | Date     | •            |              |          | _        |
| Final    | Original   | 6/14/04  |  |  |              |          |              |              |          |          |
|          | 1  |          |  |  |              | _        |              |              |          |          |
|          | مهر  |          |  |  |              |          |              |              |          |          |
|          | 2  |          |  |  |              |          |              |              |          |          |
|          | A  |          |  |  |              |          |              |              |          |          |
|          | 5  |          |  |  |              |          |              |              |          |          |
| L        | 8  |          |  |  |              |          |              |              | _        |          |
|          | 7  | <b>V</b> |  |  |              |          |              |              |          |          |
| <u> </u> | 8<br>9   | <u> </u> |  |  |              |          |              |              |          | $\Box$   |
|          | 9  | Ò        |  |  | $\vdash$     | -        |              |              |          |          |
| <u> </u> | 10   | -        | _  | _  | _            | _        |              |              |          |          |
|          | 11   | K        | _  | <b>-</b>   |              | H        |              |              | H        | $\dashv$ |
| -        | 12   | 2        |  | _  |              |          | $\vdash$     |              |          |          |
| <b>—</b> | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | 000000   | _  |  | -            | H        | -            | -            | $\vdash$ | $\vdash$ |
|          | 15   | 5        |  | -  |              |          |              | -            | $\vdash$ | -        |
|          | 16   | 0        |  | _  |              |          | _            | _            | -        | -        |
|          | 17   | -        |  | $\vdash$   | ┢─           |          |              | -            |          |          |
|          | 18   |          |  | $\vdash$   | -            |          |              |              |          |          |
|          | 19   | t        |  | $\overline{}$                                    | Г            |          |              | Г            |          |          |
|          | 20   |          |  | Г  |              |          |              | _            |          |          |
|          | 21   |          |  |  |              |          |              |              |          |          |
|          | 22   |          |  |  |              |          |              |              |          |          |
|          | 20<br>21<br>22<br>23<br>24<br>25                   |          |  |  |              |          | L            |              |          |          |
| <u> </u> | 24   |          |  | _  | ļ            |          | _            | _            |          |          |
|          | 25   | _        | _  | -  |              | <u> </u> | <u> </u>     | _            | <u> </u> | -        |
|          | 26   | -        | -  | -  | <del> </del> |          | _            | ┝            |          | _        |
|          | 26<br>27<br>28                                     |          | ⊢  |  |              | -        | -            | ┝╌           |          | $\vdash$ |
| <u> </u> | 29   | -        | -  | -  | _            | ├        | -            |              | _        |          |
| <u> </u> | 30   | -        | -  |  | ┢            | -        | <del> </del> | ┝            |          |          |
|          | 31   |          |  |  | _            | $\vdash$ |              | -            |          |          |
|          | 31<br>32   |          |  |  |              |          |              | Г            | _        |          |
|          | 33   | L        |  |  |              |          |              |              |          |          |
|          | 34<br>35   |          |  |  |              |          |              |              |          |          |
|          | 35   |          |  | <u> </u>   |              |          |              | _            |          |          |
|          | 36<br>37   | <u> </u> |  | <u> </u>   | _            |          |              | _            |          | _        |
| <u> </u> | 37   | -        | _  | <u> </u>   | _            | <u> </u> |              |              | ├        | -        |
|          | 38   | <u> </u> | _  | <u> </u>   | <u> </u>     |          |              |              |          | $\vdash$ |
|          | 39   |          |  | _  | ļ <u>.</u>   | ┝        |              |              | H        | -        |
|          | 40   |          |  | -  | _            | -        |              |              | -        | -        |
| $\vdash$ | 42   | -        | -  |  | -            |          | $\vdash$     | <del> </del> | -        | -        |
|          | 43   | $\vdash$ | -  | $\vdash$   | $\vdash$     |          |              |              |          |          |
|          | 44   | $\vdash$ | <del>                                     </del> | <del>                                     </del> |              | $\vdash$ | $\vdash$     |              | Т        |          |
|          | 45   | T-       | _  | Г  | Г            | -        | <u> </u>     | <u> </u>     | Г        | $\Box$   |
|          | 46   |          |  |  |              |          |              |              |          |          |
|          | 47   |          |  |  |              |          |              |              |          |          |
|          | 48   |          |  |  |              |          |              |              |          |          |
|          | 49   |          |  |  |              |          |              |              |          |          |

| -  |       |          |          |          |          |          |               |          |          |          |          |
|----|-------|----------|----------|----------|----------|----------|---------------|----------|----------|----------|----------|
|    | Cla   | im       |          |          |          | [        | Date          | 3        |          |          |          |
|    |       |          |          |          |          | Ť        |               |          |          |          | $\neg$   |
|    | ल     | Original |          |          |          |          |               |          |          |          |          |
|    | Final | Ē        |          |          |          | - 1      |               |          |          |          |          |
|    | _     | Ō        |          |          | - 1      |          |               |          |          |          |          |
|    |       | 51       | $\dashv$ | -        |          | -        |               | $\dashv$ |          |          | $\dashv$ |
|    |       | 51<br>52 |          | $\neg$   |          |          |               |          | -        |          | $\dashv$ |
| Ġ. |       | 53       | $\dashv$ | $\dashv$ |          |          |               |          | _        |          | $\neg$   |
|    |       | 54       | $\dashv$ | $\neg$   | -        | -        |               | -        |          |          | $\dashv$ |
|    |       | 54<br>55 |          |          | $\neg$   |          |               |          |          |          | -        |
|    | _     | 56       | $\dashv$ | $\dashv$ | $\neg$   |          |               |          |          |          | $\neg$   |
|    |       | 57       | $\neg$   | $\neg$   |          |          |               | -        |          |          | $\dashv$ |
|    |       | 58       |          |          |          |          |               |          |          |          |          |
| Ö  |       | 59       |          |          |          |          |               |          |          |          |          |
|    |       | 60       |          |          |          |          |               |          |          |          |          |
|    |       | 61       |          |          |          |          |               |          |          |          |          |
|    |       | 62       |          |          |          |          |               |          |          |          |          |
|    |       | 63       |          |          |          |          |               |          |          |          |          |
|    |       | 64       |          |          |          |          |               |          |          |          |          |
|    |       | 65       |          |          |          |          |               |          |          |          |          |
|    |       | 66       |          |          |          |          |               |          |          |          |          |
|    |       | 67       |          |          |          |          |               |          |          |          |          |
|    |       | 68       |          |          |          |          |               |          |          |          |          |
|    |       | 69       |          |          |          |          |               |          | _        |          |          |
|    |       | 70       |          |          |          |          | _             |          | L        |          | _        |
|    |       | 71       |          |          |          |          | <u> </u>      | _        | _        | _        |          |
|    |       | 72<br>73 |          |          |          |          |               |          |          | L        | $\vdash$ |
|    |       | 73       |          |          |          |          |               |          |          | <u> </u> |          |
|    |       | 74       |          |          |          |          | _             |          |          | <u> </u> | $\vdash$ |
|    |       | 75       |          | _        |          | $\vdash$ | <u> </u>      |          | _        | $\vdash$ | -        |
|    |       | 76<br>77 |          |          |          |          |               |          | H        |          |          |
|    |       | 78       |          | _        |          | _        |               |          |          | $\vdash$ |          |
|    | _     | 79       |          | -        | -        |          | <u> </u>      |          | -        | H        |          |
|    |       | 80       | -        | $\vdash$ | -        | -        | -             | H        | -        | -        |          |
|    |       | 81       |          |          | H        | -        |               | _        | _        | $\vdash$ |          |
|    | _     | 82       |          |          | -        |          |               | <u> </u> |          | -        |          |
|    |       | 83       |          |          |          |          | -             |          | $\vdash$ | <u> </u> |          |
|    |       | 84       |          |          |          |          | $\overline{}$ | _        |          |          |          |
|    |       | 85       | -        | -        |          |          |               |          | ·        |          |          |
|    |       | 86       |          |          |          |          |               |          |          |          |          |
|    |       | 87       |          |          |          |          |               |          |          |          |          |
|    |       | 88       |          |          |          |          |               |          |          |          |          |
|    |       | 89       |          |          |          |          |               |          |          |          |          |
|    |       | 90       |          |          |          |          |               |          |          |          |          |
|    |       | 91       |          |          |          |          |               |          |          |          |          |
|    |       | 92       |          |          |          | _        |               | <u> </u> |          |          |          |
|    |       | 93       |          |          |          | _        | _             |          |          | <u> </u> |          |
|    |       | 94       |          | <u></u>  |          | <u> </u> | <u> </u>      | _        | <u> </u> | <u> </u> | <u> </u> |
|    |       | 95       |          |          |          | <u> </u> | _             | <u> </u> | _        |          | <u> </u> |
|    |       | 96       | <u> </u> | <u> </u> | _        | L        | <u> </u>      |          | L        |          | $\vdash$ |
|    |       | 97       |          | <u> </u> | <u> </u> | <u> </u> | <u> </u>      | <u> </u> | <u> </u> |          | $\vdash$ |
|    |       | 98       |          | <u> </u> | _        | <u> </u> | ļ             | <u> </u> | _        | <u> </u> | $\vdash$ |
|    |       | 99       |          |          |          |          |               | <u> </u> | L        |          | L        |

| CI           | aim                             |          |          |              |          | ate | <del></del> |          |          |                |
|--------------|---------------------------------|----------|----------|--------------|----------|-----|-------------|----------|----------|----------------|
| Final        | Original                        |          |          |              |          |     |             |          |          |                |
|              | 101                             |          |          |              |          |     |             |          |          |                |
|              | 102                             |          |          |              | _        | _   |             |          |          |                |
|              | 103                             |          |          |              | _        | _   |             |          |          |                |
|              | 104                             |          |          |              |          | _   |             |          |          |                |
|              | 105                             |          |          |              |          |     |             |          |          |                |
|              | 106                             |          | _        |              | _        |     |             |          |          | _              |
|              | 107                             |          |          |              |          |     |             |          |          | _              |
| <u> </u>     | 108                             | _        |          |              |          |     |             |          | _        |                |
| <u> </u>     | 109                             |          |          |              |          |     |             |          | _        | $\perp$        |
|              | 110                             |          | _        | _            | _        | -   |             |          |          | Н              |
| <u> </u>     | 111                             |          |          |              |          |     |             |          |          | $\dashv$       |
| <u> </u>     | 112                             |          | <u> </u> |              |          | -   | _           | <u> </u> |          | $\vdash\vdash$ |
|              | 113                             | $\vdash$ | -        | $\vdash$     |          |     |             | H        | Н        | $\vdash$       |
|              | 114<br>115                      | $\vdash$ | $\vdash$ | $\vdash$     |          |     |             |          |          | $\vdash$       |
|              | 115                             |          | <u> </u> | $\vdash$     |          |     | <u> </u>    | $\vdash$ | -        |                |
|              | 116<br>117                      |          | -        | -            |          |     | -           | -        | -        | -              |
| <u> </u>     | 118                             | <u> </u> |          |              |          |     | -           | $\vdash$ |          | -              |
|              | 119                             | _        |          |              | _        |     | $\vdash$    | $\vdash$ |          |                |
|              | 119                             |          |          | -            |          |     | -           |          |          | -              |
| -            | 120                             |          | -        | ⊢            | -        |     | $\vdash$    | -        |          |                |
| -            | 121<br>122                      |          | ┝        | <del> </del> |          |     |             | -        |          | -              |
| <del> </del> | 122                             | _        | -        | -            |          | -   | $\vdash$    |          | $\vdash$ |                |
| <u> </u>     | 123<br>124                      | -        | -        |              |          |     | -           | -        | -        |                |
| $\vdash$     | 125                             | _        | -        | -            |          |     | ┝           | -        |          |                |
| -            | 126                             | -        |          |              |          |     | -           | -        |          |                |
|              | 126<br>127<br>128<br>129<br>130 | -        |          |              | -        | -   | -           |          |          |                |
|              | 128                             |          |          |              |          |     | -           | <u> </u> |          |                |
| _            | 129                             |          |          |              | $\vdash$ | -   | $\vdash$    |          |          |                |
| -            | 130                             | _        |          |              |          |     |             | _        |          |                |
| _            | 131                             |          |          | $\vdash$     | $\vdash$ |     | $\vdash$    |          |          |                |
|              | 131<br>132                      |          |          | H            |          |     | -           |          |          |                |
|              | 133                             |          | $\vdash$ |              | $\vdash$ |     |             |          |          |                |
|              | 134                             |          |          |              | П        | г   | ļ           |          | Г        |                |
|              | 135                             |          |          |              |          |     |             |          |          |                |
|              | 136                             |          |          | Г            |          |     |             | Г        |          |                |
|              | 136<br>137                      |          |          |              |          |     |             |          |          |                |
|              | 138                             |          |          |              |          |     |             |          |          |                |
|              | 139                             |          |          | Γ            |          |     |             |          |          |                |
|              | 140                             |          |          |              |          |     | Ĺ           |          |          |                |
|              | 141                             |          |          | Ĺ            |          |     |             |          |          |                |
|              | 142                             |          |          |              |          |     | L           |          |          |                |
|              | 143                             | L        |          |              |          |     |             |          |          |                |
|              | 144                             |          |          |              |          |     |             |          |          |                |
|              | 145                             |          |          |              |          |     |             |          |          |                |
|              | 146                             |          |          |              |          |     |             |          |          |                |
|              | 147                             |          |          |              |          |     |             |          | $\Box$   |                |
|              | 148                             |          |          |              |          |     |             |          |          |                |
|              | 149                             |          |          |              |          |     |             | L        |          |                |
|              | 150                             |          |          |              |          |     |             |          |          |                |